

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept. of Health & Human Services  
Division of Environmental Health, 11 SHS  
(207) 287-5672 FAX (207) 287-4172

PROPERTY LOCATION		>> CAUTION: LPI APPROVAL REQUIRED <<	
City, Town, or Plantation	LAMOINE	TOWN COPY	PERMIT # 1678 TOWN COPY
Street or Road	MISTY WAY	Date Permit Issued: 2/7/12	\$ 250 FEE Charged <input type="checkbox"/> Double Fee
Subdivision, Lot #		L.P.I. # 1090	
OWNER/APPLICANT INFORMATION			
Name (last, first, MI)	DUQUETTE, MICHAEL	<input type="checkbox"/> Owner <input type="checkbox"/> Town <input type="checkbox"/> State	
Mailing Address of	C/O JIM LEAVITT P.O. BOX 64 ELLSWORTH, ME 04605	The Subsurface Wastewater Disposal System shall not be installed until a Permit is issued by the Local Plumbing Inspector. The Permit shall authorize the owner or installer to install the disposal system in accordance with the application and the Maine Subsurface Wastewater Disposal Rules.	
Daytime Tel. #		Municipal Tax Map # 4	Lot # 36
OWNER OR APPLICANT STATEMENT		CAUTION: INSPECTION REQUIRED	
I state and acknowledge that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Department and/or Local Plumbing Inspector to deny a permit.		I have inspected the installation authorized above and found it to be in compliance with Subsurface Wastewater Disposal Rules Application.	
Signature of Owner or Applicant: <i>[Signature]</i> Date: 1/18/2011		Local Plumbing Inspector Signature: <i>[Signature]</i> 4/3/12 (1st Date Approved) 4/10/12 (2nd Date Approved)	

PERMIT INFORMATION		
<b>TYPE OF APPLICATION</b> <input checked="" type="checkbox"/> 1. First Time System <input type="checkbox"/> 2. Replacement System Type Replaced: _____ Year Installed: _____ <input type="checkbox"/> 3. Expanded System <input type="checkbox"/> a. < 25% Expansion <input type="checkbox"/> b. ≥ 25% Expansion <input type="checkbox"/> 4. Experimental System <input type="checkbox"/> 5. Seasonal Conversion	<b>THIS APPLICATION REQUIRES</b> <input checked="" type="checkbox"/> 1. No Rule Variance <input type="checkbox"/> 2. First Time System Variance <input type="checkbox"/> a. Local Plumbing Inspector Approval <input type="checkbox"/> b. State & Local Plumbing Inspector Approval <input type="checkbox"/> 3. Replacement System Variance <input type="checkbox"/> a. Local Plumbing Inspector Approval <input type="checkbox"/> b. State & Local Plumbing Inspector Approval <input type="checkbox"/> 4. Minimum Lot Size Variance <input type="checkbox"/> 5. Seasonal Conversion Permit	<b>DISPOSAL SYSTEM COMPONENT(S)</b> <input checked="" type="checkbox"/> 1. Complete Non-engineered System <input type="checkbox"/> 2. Primitive System (graywater & alt. toilet) <input type="checkbox"/> 3. Alternative Toilet, specify: _____ <input type="checkbox"/> 4. Non-engineered Treatment Tank (only) <input type="checkbox"/> 5. Holding Tank, _____ gallons <input type="checkbox"/> 6. Non-engineered Disposal Field (only) <input type="checkbox"/> 7. Separated Laundry System <input type="checkbox"/> 8. Complete Engineered System (2000 gpd or more) <input type="checkbox"/> 9. Engineered Treatment Tank (only) <input type="checkbox"/> 10. Engineered Disposal Field (only) <input type="checkbox"/> 11. Pre-treatment, specify: _____ <input type="checkbox"/> 12. Miscellaneous components
<b>SIZE OF PROPERTY</b> _____ sq. ft. 1.98 acres	<b>DISPOSAL SYSTEM TO SERVE</b> <input checked="" type="checkbox"/> 1. Single Family Dwelling Unit, No. of Bedrooms: 2 <input type="checkbox"/> 2. Multiple Family Dwelling, No. of Units: _____ <input type="checkbox"/> 3. Other: (SPECIFY) _____	<b>TYPE OF WATER SUPPLY</b> TO BE <input checked="" type="checkbox"/> 1. Drilled Well <input type="checkbox"/> 2. Dug Well <input type="checkbox"/> 3. Private <input type="checkbox"/> 4. Public <input type="checkbox"/> 5. Other: _____
<b>SHORELAND ZONING</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Current Use: <input type="checkbox"/> Seasonal <input type="checkbox"/> Year Round <input checked="" type="checkbox"/> Undeveloped	

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)			
<b>TREATMENT TANK</b> <input checked="" type="checkbox"/> 1. Concrete <input checked="" type="checkbox"/> a. Regular <input type="checkbox"/> b. Low Profile <input type="checkbox"/> 2. Plastic <input type="checkbox"/> 3. Other: _____ CAPACITY 1000 gallons	<b>DISPOSAL FIELD TYPE &amp; SIZE</b> <input checked="" type="checkbox"/> 1. Stone Bed <input type="checkbox"/> 2. Stone Trench <input type="checkbox"/> 3. Proprietary Device _____ <input type="checkbox"/> a. Cluster Array <input type="checkbox"/> c. Linear <input type="checkbox"/> b. Regular load <input type="checkbox"/> d. H-20 load <input type="checkbox"/> 4. Other: _____ SIZE 800 sq. ft. <input type="checkbox"/> lin. ft.	<b>GARBAGE DISPOSAL UNIT</b> <input checked="" type="checkbox"/> 1. No <input type="checkbox"/> 2. Yes <input type="checkbox"/> 3. Maybe If Yes or Maybe, specify one below: <input type="checkbox"/> a. Multi-compartment Tank <input type="checkbox"/> b. _____ Tanks in Series <input type="checkbox"/> c. Increase in Tank Capacity <input type="checkbox"/> d. Filter on Tank Outlet	<b>DESIGN FLOW</b> 180 gallons per day BASED ON <input checked="" type="checkbox"/> 1. Table 4A (dwelling unit(s)) <input type="checkbox"/> 2. Table 4C (other facilities) SHOW CALCULATIONS for other facilities
<b>SOIL DATA &amp; DESIGN CLASS</b> PROFILE CONDITION 8 / D at Observation Hole # 1 Depth 10" OF MOST LIMITING SOIL FACTOR	<b>DISPOSAL FIELD SIZING</b> <input type="checkbox"/> 1. Medium -- 2.6 sq. ft./gpd <input type="checkbox"/> 2. Medium-Large -- 3.3 sq. ft./gpd <input checked="" type="checkbox"/> 3. Large -- 4.1 sq. ft./gpd <input type="checkbox"/> 4. Extra Large -- 5.0 sq. ft./gpd	<b>EFFLUENT/EJECTOR PUMP</b> <input checked="" type="checkbox"/> 1. Not Required <input type="checkbox"/> 2. May be Required <input type="checkbox"/> 3. Required Specify only for engineered systems DOSE: _____ gallons	<input type="checkbox"/> 3. Section 4G (meter readings) ATTACH WATER METER DATA LATITUDE AND LONGITUDE at Center of Disposal Area Lat. 44° 29' 50" N Lon. 68° 17' 54" W If g.p.s., state margin of error 30'

SITE EVALUATOR STATEMENT		
I certify that on 10-31-11 (date) I completed a site evaluation on this property and state that the data reported are accurate and that the proposed system is in compliance with the State of Maine Subsurface Wastewater Disposal Rules (10-144A CMR 241).		
Site Evaluator Signature WILLIAM A. LaBELLE, JR.	SE# 319 (207) 537-5900	Date 11-4-11 E-mail Address labeleseptic@rivah.net
Site Evaluator Name Printed	Telephone Number	E-mail Address
Note: Changes to or deviations from the design should be confirmed with the Site Evaluator.		

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(207) 287-5672 FAX (207) 287-4172

Town, City, Plantation

LAMOINE

Street, Road, Subdivision

MISTY WAY

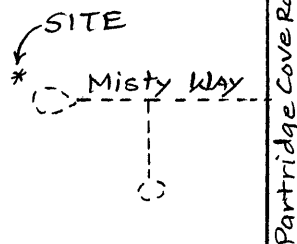
Owner or Applicant Name

MICHAEL DUQUETTE

SITE PLAN

Scale 1" = 50 Ft.

SITE LOCATION PLAN  
(Attach map from Maine Atlas  
for First Time System Variance)



(SEE ATTACHED SITE PLAN)

## SOIL PROFILE DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above or on pg. 2A)

Observation Hole #1 ☒ Test Pit ☐ Boring

6 " Depth of organic horizon above mineral soil

Texture	Consistency	Color	Mottling
FINE SANDY SILT	FRIABLE	DARK BROWN (10YR 3/3)	N.E.
SILT	COMPACTED	OLIVE BROWN (2.5Y 5/3)	COMMON DISTINCT

DEPTH BELOW MINERAL SOIL SURFACE (inches)

Soil Profile 8 Classification D Slope 4% Limiting Factor 10"  
Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth ☐

Observation Hole #2 ☒ Test Pit ☐ Boring

6 " Depth of organic horizon above mineral soil

Texture	Consistency	Color	Mottling
FINE SANDY SILT	FRIABLE	DARK BROWN (10YR 3/3)	N.E.
SILT	COMPACTED	OLIVE BROWN (2.5Y 5/3)	COMMON DISTINCT

DEPTH BELOW MINERAL SOIL SURFACE (inches)

Soil Profile 8 Classification D Slope 4% Limiting Factor 10"  
Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth ☐

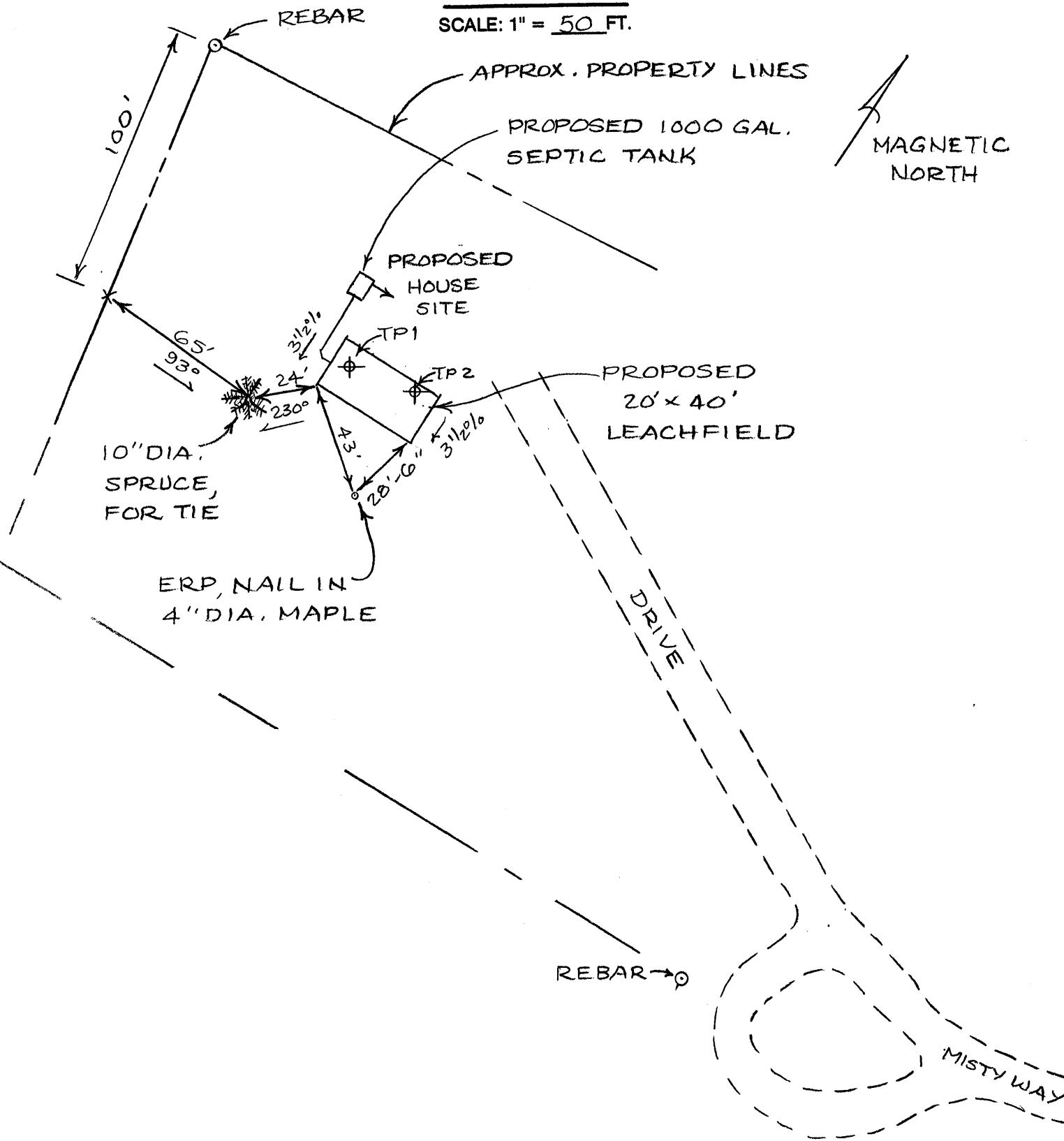
W. O. 207  
Site Evaluator's Signature

319  
S. E. #

11-4-11  
Date

**SITE PLAN:**

SCALE: 1" = 50 FT.



*W. O. D. B.*

Site Evaluator's Signature

319

S.E. #

11-4-11

Date

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Town, City, Plantation

LAMOINE

Street, Road, Subdivision

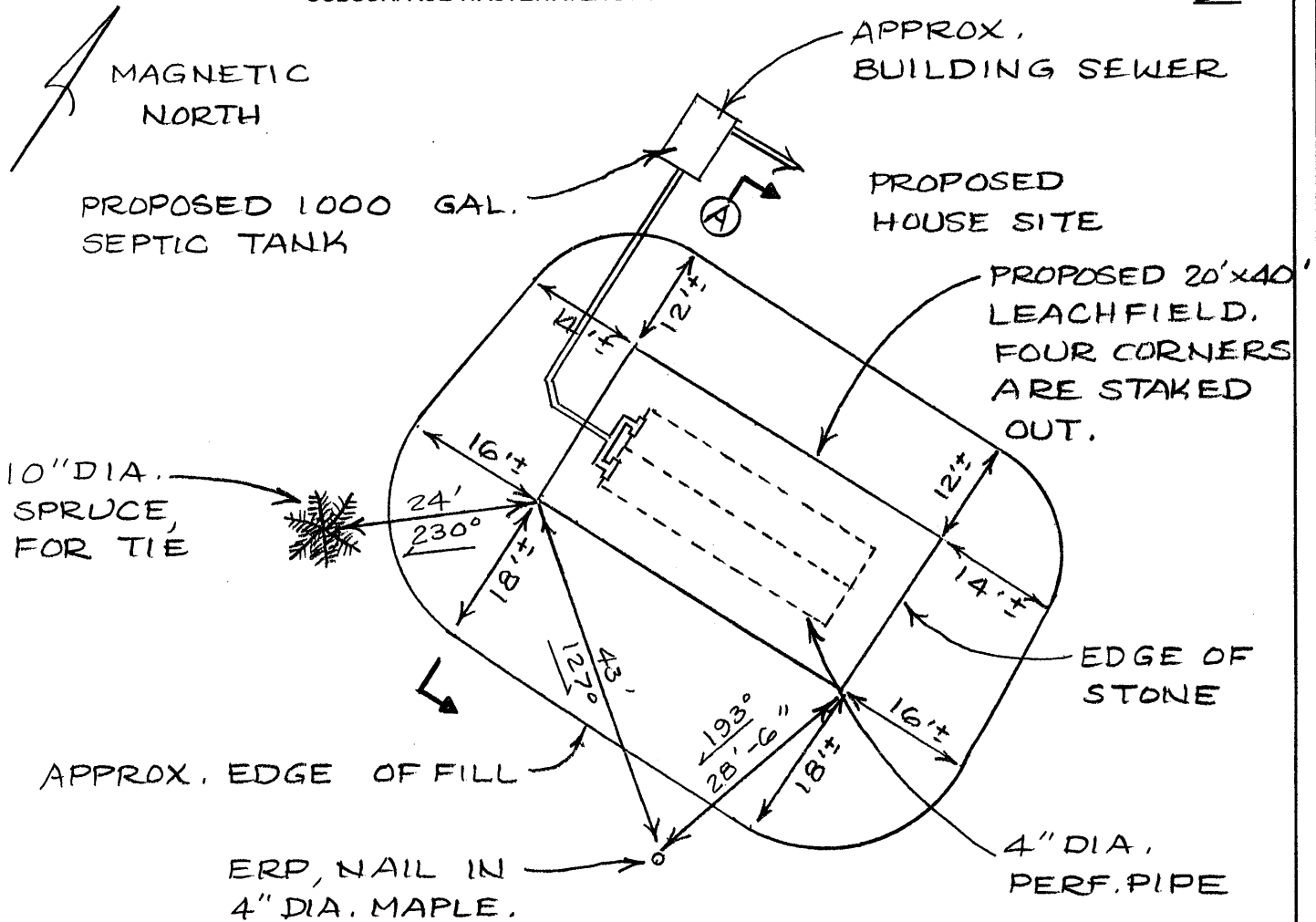
MISTY WAY

Owner or Applicant Name

MICHAEL DUQUETTE

## SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE: 1" = 20 FT.



FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		SYSTEM	PRIVY	ELEVATION REFERENCE POINT
Depth of Backfill (Upslope)	32"	Finished Grade Elevation	-24"			Location & Description NAIL 7B"
Depth of Backfill (Downslope)	40"	Top of Distribution Pipe or Proprietary Device	-37"		N/A	ABOVE GROUND IN 4" DIA. MAPLE.
Depths @ cross-section shown below or on X-sec. detail.		Bottom of Disposal Field	-48"			Reference Elevation is: 0"

### DISPOSAL AREA CROSS SECTION (SEE ATTACHED CROSS SECTION)

#### NOTES:

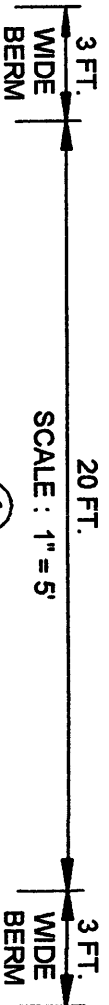
- TANK MUST BE 8' MINIMUM FROM BUILDING.
- FULL BASEMENT BELOW GRADE FOUNDATION, FROST WALL OR COLUMNS MUST BE 20' MINIMUM FROM STONE AND SLAB ON GRADE MUST BE 15' MINIMUM FROM STONE.
- GRADE SURROUNDING AREA TO DIVERT SURFACE WATER AWAY FROM SYSTEM.
- WELL TO BE 51' MINIMUM FROM SEPTIC TANK AND 100' MINIMUM FROM DISPOSAL SYSTEM.
- ALL WORK DONE ADJACENT TO WETLANDS AND WATER BODIES MUST BE DONE IN COMPLIANCE WITH SECTION 11-M OF THE SUBSURFACE WASTEWATER DISPOSAL RULES; EROSION AND SEDIMENT CONTROL MEASURES MUST BE IN ACCORDANCE WITH THE MARCH 2003 EDITION OF THE MAINE DEP HANDBOOK "MAINE EROSION AND SEDIMENT CONTROL BMPS" (DEPLW0588).
- INSTALL SEPTIC TANK RISERS 18" IN DIAMETER "MINIMUM" TO WITHIN 6" OF FINISH GRADE ON INLET, CLEANOUT AND OUTLET COVERS (RECOMMEND EXTENDING RISERS TO FINISH GRADE); INSTALL RISER TO FINISH GRADE OF APPROPRIATE SIZE TO ALLOW PUMP REMOVAL ON ALL IN-TANK PUMP CHAMBERS AND SEPARATE PUMP TANKS.
- PROTECT LIFT STATION AND PUMP TANKS FROM FREEZING.

*W. C. LeB*  
Site Evaluator's Signature

319  
S.E. #

11-4-11  
Date

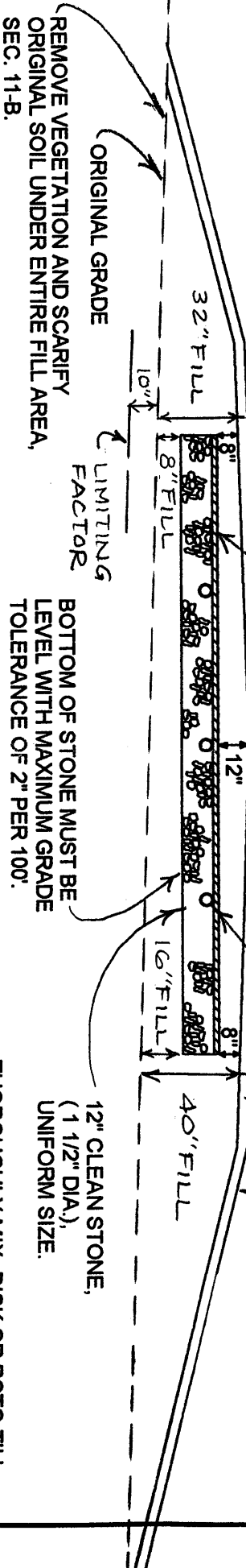
# DISPOSAL BED CROSS SECTION



FILL MATERIAL SHALL BE 8"-12" THICK OVER STONE AND SHALL BE GRAVELLY COARSE SAND TO THE STANDARDS IN SEC. 11-E IN THE SUBSURFACE RULES.

CROWN FINISH GRADE FROM CENTER AT 3% SLOPE

2" COMPRESSED HAY (OR FILTER FABRIC) SEC. 11-F PLACED OVER STONE.



TOP 4" OF FILL TO BE A GOOD LOAM SOIL MIX TO ESTABLISH A GOOD VEGETATIVE COVER; SEED AND MULCH TO PREVENT EROSION, SEC. 11-G.

FILL EXTENSIONS NO GREATER THAN 4:1, (25% SLOPE).

THOROUGHLY MIX, DISK OR ROTO-TILL CLEAN, COARSE, SHARP SAND INTO TOP 4 INCHES OF ORIGINAL SOIL TO CREATE A TRANSITION ZONE, SEC. 11-B.

ELEVATIONS:

ELEV. REF. PT. (ERP): 0"

FINISHED GRADE: -24"

TOP OF DISTRIBUTION PIPE: -37"

BOTTOM OF STONE: -48"

OWNER: MICHAEL DUQUETTE

LOCATION: LARROINE

NOTE:

SYSTEM MUST BE INSTALLED ACCORDING TO THE RULES AND PRACTICES SET FORTH IN THE MOST CURRENT VERSION OF THE STATE OF MAINE SUBSURFACE WASTEWATER DISPOSAL RULES. INSTALLATION CONTRACTOR MUST BE FAMILIAR WITH SAID RULES AND CONSTRUCT SYSTEM IN FULL COMPLIANCE WITH SECTION 11 OF SAID RULES.

WILLIAM A. LABELLE, JR.

S.E.#

DATE

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11-4-11